

Q3 2023 Earnings Presentation

October 25, 2023



One Mission. One Passion. One Purpose.

Cautionary Statements Regarding Forward-looking Statements



This presentation may contain (and verbal statements made by MSA® Safety Incorporated ("MSA Safety") may contain) "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements relate to future events or our future financial performance and involve various assumptions, known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied by these forward-looking statements. These risks and other factors include, but are not limited to, statements in this presentation regarding our expectations. In some cases, you can identify forward-looking statements by words such as "may," "will," "should," "expects," "intends," "plans," "anticipates," "believes," "estimates," "predicts," "potential" or other comparable words. Actual results, performance or outcomes may differ materially from those expressed or implied by these forward-looking statements and may not align with historical performance and events due to a number of factors, including those discussed in the sections of our annual report on Form 10-K entitled "Cautionary Statement Regarding Forward-Looking Statements" and "Risk Factors," and those discussed in our Form 10-Q quarterly reports filed after such annual report. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements, and caution should be exercised against placing undue reliance upon such statements, which are based only on information currently available to us and speak only as of the date hereof. We are under no duty to update publicly any of the forward-looking statements after the date of this presentation, whether as a result of new information, future events or otherwise, except as required by law.

Non-GAAP Financials



To supplement our Consolidated Financial Statements presented in accordance with generally accepted accounting principles ("GAAP"), we use, and this presentation includes, certain non-GAAP financial measures. These financial measures include constant currency revenue growth, adjusted operating income, adjusted operating margin, adjusted EBITDA, adjusted EBITDA margin, adjusted earnings, adjusted earnings per diluted share, R&D investment, net debt, debt to adjusted EBITDA, net debt to adjusted EBITDA, free cash flow and free cash flow conversion. These non-GAAP financial measures provide information useful to investors in understanding our operating performance and trends, and to facilitate comparisons with the performance of our peers. Management also uses these measures internally to assess and better understand our underlying business performance and trends related to core business activities. The non-GAAP financial measures and key performance indicators we use, and computational methods with respect thereto, may differ from the non-GAAP financial measures and key performance indicators, and computational methods, that our peers use to assess their performance and trends.

The presentation of these non-GAAP financial measures does not comply with U.S. GAAP. These non-GAAP financial measures should be viewed as supplemental in nature, and not as a substitute for, or superior to, our reported results prepared in accordance with GAAP. When non-GAAP financial measures are disclosed, the Securities and Exchange Commission's Regulation G requires: (i) the presentation of the most directly comparable financial measure calculated and presented in accordance with GAAP and (ii) a reconciliation of the differences between the non-GAAP financial measure presented and the most directly comparable financial measure calculated and presented in accordance with GAAP. For an explanation of these measures, together with a reconciliation to the most directly comparable GAAP financial measure, see the appendix of this presentation.

Q3 2023 Strategic Highlights



Generating Sustainable Growth and Impact

LIVING OUR PURPOSE

2022 IMPACT REPORT

- Creating shared value for stakeholders through our Impact Pillars:
 - Products & Solutions
 - People
 - Planet
- Leveraging core strengths
 - Customer knowledge, relationships
 - A trusted brand
 - A culture of innovation
 - Human-centered design
- Generating impact through innovation
 - Sustainability integrated into product development
 - Designing inclusive safety gear
 - Addressing safety challenges such as heat stress and making fall protection gear more user-friendly

SUPPORTING SAFE COMMUNITIES

PROTECTING FIREFIGHTERS AROUND THE WORLD

- MSA's Chatillon-sur-Chalaronne, France, manufacturing facility welcomed Stage 13 of the 2023 Tour de France to the "World Capital of Fire Helmets"
 - Members of the French Federation of Firefighters on the Tour's emergency response team wore MSA's Gallet F2XR rescue helmets

OFFICIAL SAFETY SPONSOR OF THE PITTSBURGH PENGUINS NHL HOCKEY TEAM

 MSA Safety brand will be featured on the team's away-game helmets starting with 2023 – 2024 NHL season

GAINING RECOGNITION

- Recognized as one of America's Greenest Companies for 2024 by Newsweek
- Named as a Top Workplace among large companies for the 10th time by the Pittsburgh Post-Gazette



















Q3 2023 Performance Highlights



Broad-Based Strength Across Our Global Business

HIGHLIGHTS

- Strong execution driven by the MSA Business System
- · Double-digit sales growth
 - Balanced across product categories, geographies and price/volume
- Incremental margin at high end of target range
 - Margin expansion from healthy volume and price/cost performance
- · Robust cash generation
- Order pace remained healthy
- Continued commercial momentum with key wins across portfolio
- · Backlog remains an opportunity
- Strengthened financial position ending quarter with 1.3x net leverage

MULTI-INDUSTRY DETECTION SOLUTIONS

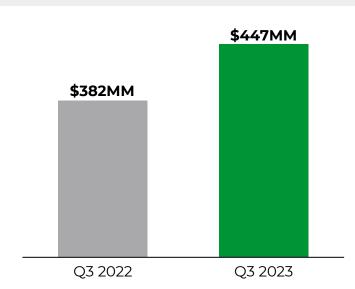
OVERVIEW			ng proprietary techno cture and the environ	
KEY STATS	~\$4B Total Addressable Market	36% % of Overall Net Sales ⁽¹⁾	\$618MM LTM Net Sales ⁽¹⁾	KEY MARKETS Process Industries, Utilities, Industrial, HVAC-Refrigeration
PRODUCTS & SOLUTIONS	FIXED GAS & FLA	AME DETECTION BACHARACH BACHAR	PORTABLE GA	AS DETECTION
M&A HISTORY	2010 GENERAL MONITORS	2016 SENSCIENT	2019 SIERRA MONITOR CORPORATION	2021 BACHARACH
	GENERAL MONITORS	{_Senscient	S Sierra monitor	BACHARACH

Q3 2023 Financial Summary



Continued Growth Across Portfolio and Strong Operating Leverage

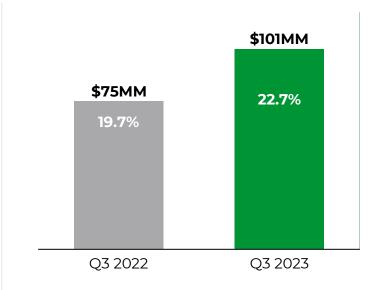
NET REVENUE



NET REVENUE GROWTH OF 17%

- +15% organic and +2% currency
- Growth balanced across product categories, reporting segments and price/volume

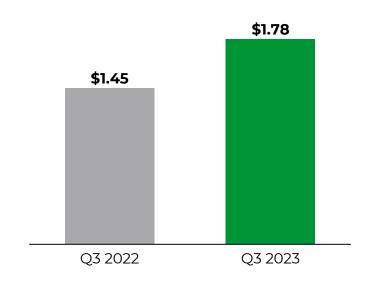
ADJUSTED OPERATING INCOME & ADJUSTED OPERATING MARGIN



ADJUSTED OPERATING MARGIN OF 22.7%

- Volume leverage, price/cost management and operations productivity drove 300 bps margin expansion
- Incremental margin of 40%
- Adjusted EBITDA margin of 25.6%, up 290 bps year-over-year

ADJUSTED DILUTED EPS



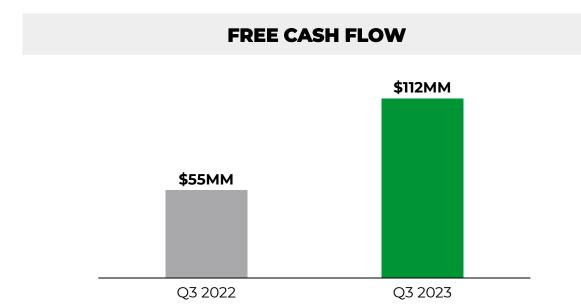
ADJUSTED EPS GROWTH OF 23%

 Higher operating profit drove growth, partially offset by higher interest expense and tax rate

Q3 2023 Free Cash Flow and Financial Leverage

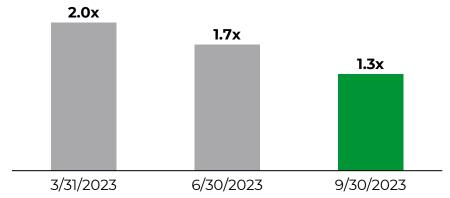


Robust Cash Generation and Continued Leverage Progress



- Strong cash flow generation enables investment in strategic initiatives
 - Free cash flow conversion rate of 160% (127% YTD)⁽¹⁾
 - Enhanced cash flow generation from higher income, working capital discipline and improved supply chain
 - Returned \$18MM in dividends to shareholders





- Robust balance sheet with 1.3x net leverage and ample liquidity
 - Repaid \$68MM of debt in Q3 (\$146MM YTD)
 - \$578MM of net debt at quarter end
 - Profitable growth and improved working capital management continue to support debt reduction and balanced capital allocation strategy

2023 Outlook



Raising Full Year Sales Growth Outlook to Mid-Teens Reflects Strong YTD Performance and Balanced Outlook

% NET SALES(1)

KEY END MARKETS

FIREFIGHTER SAFETY

- SCBA
- Helmets
- Protective apparel and boots

37%

• Fire service and first responder

GAS DETECTION

- Fixed gas and flame detection
- Portable gas detection



- Oil, gas and petrochemical
- Utilities
- HVAC-R
- Industrial

INDUSTRIAL PPE

- Industrial head protection
- Fall protection
- Non-core sales



- Oil, gas and petrochemical
- Utilities
- Non-residential construction
- Industrial

OPERATING ENVIRONMENT UPDATE

POSITIVES

- Continued strength in organic growth
- Elevated backlog remains an opportunity
- Ongoing healthy funding environment for firefighter safety
- Successful commercial and operational execution driving upside
 - Improving factory throughput
 - Managing price/cost
- Growing global demand for safety products and solutions

CHALLENGES

- Macroeconomic conditions potentially result in end market softening
- Supply chain improving, but constraints continue
- EPS headwind from higher interest expense

Key Takeaways



Well Positioned to Deliver Profitable Growth on a Sustained Basis



Strong execution YTD resulting in double-digit growth, healthy margin expansion and robust cash generation



Mission-driven culture and unwavering commitment to the safety of our customers and our employees



Reliable, diversified base business drives organic growth and margin expansion opportunities across cycles



Reinvestment in innovation and technology, including strategic M&A, enables leading positions in attractive end markets



Strong balance sheet supports growth investments and increased return of capital to shareholders while deleveraging





Q&A



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Appendix



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Constant Currency Sales Growth (Unaudited) - Consolidated

Three Months Ended September 30, 2023

GAAF	reported sales change
Plus:	Currency translation effects
Const	ant currency sales change

Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales
21%	18%	28%	11%	5%	15%	18%	3%	17%
(2%)	(2%)	(2%)	(2%)	(3%)	(4%)	(2%)	(3%)	(2%)
19%	16%	26%	9%	2%	11%	16%	— %	15%

GAAP reported sales change
Plus: Currency translation effects
Constant currency sales change

	Nine Months Ended September 30, 2023											
Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales				
13%	27%	24%	23%	10%	23%	20%	13%	19%				
— %	1%	(1%)	— %	(1%)	(1%)	(1%)	(1%)	— %				
13%	28%	23%	23%	9%	22%	19%	12%	19%				

Management believes that constant currency revenue grow th is a useful metric for investors, as foreign currency translation can have a material impact on revenue grow th trends. Constant currency revenue grow th highlights ongoing business performance excluding the impact of fluctuating foreign currencies, which is outside of management's control. There can be no assurances that MSA's definition of constant currency revenue grow th is consistent with that of other companies. As such, management believes that it is appropriate to consider revenue grow th determined on a GAAP basis in addition to this non-GAAP financial measure.



Constant Currency Sales Growth (Unaudited) – Americas Segment

Three Months Ended September 30, 2023

GAAP reported sales change
Plus: Currency translation effects
Constant currency sales change

Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales
13%	23%	18%	13%	5%	15%	15%	1%	14%
— %	— %	(2%)	(3%)	(3%)	(4%)	(2%)	(3%)	(2%)
13%	23%	16%	10%	2%	11%	13%	(2%)	12%

GAAP reported sales change Plus: Currency translation effects Constant currency sales change

	Mille Months Ended Septimener 30, 2023											
Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales				
9%	38%	20%	26%	10%	24%	20%	22%	20%				
— %	— %	(1%)	(1%)	(2%)	(2%)	(1%)	(2%)	(1%)				
9%	38%	19%	25%	8%	22%	19%	20%	19%				

Nine Months Ended Sentmeher 30, 2023

Management believes that constant currency revenue grow th is a useful metric for investors, as foreign currency translation can have a material impact on revenue grow th trends. Constant currency revenue grow th highlights ongoing business performance excluding the impact of fluctuating foreign currencies, which is outside of management's control. There can be no assurances that MSA's definition of constant currency revenue grow th is consistent with that of other companies. As such, management believes that it is appropriate to consider revenue grow th determined on a GAAP basis in addition to this non-GAAP financial measure.



Constant Currency Sales Growth (Unaudited) – International Segment

GAAP reported sales change
Plus: Currency translation effects

Constant currency sales change

	Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales
•	45%	3%	52%	6%	4%	15%	29%	6%	25%
	(6%)	(7%)	(5%)	(2%)	(1%)	(6%)	(5%)	(4%)	(4%)
	39%	(4%)	47%	4%	3%	9%	24%	2%	21%

Three Months Ended September 30, 2023

GAAP reported sales change Plus: Currency translation effects Constant currency sales change

Nine Months Ended September 30, 2023												
Breathing Apparatus	Firefighter Helmets and Protective Apparel	Helmets and Protective Potential Protection		Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales				
25%	(2%)	32%	16%	11%	20%	20%	2%	18%				
1%	— %	— %	2%	3%	1%	1%	— %	— %				
26%	(2%)	32%	18%	14%	21%	21%	2%	18%				

Management believes that constant currency revenue grow th is a useful metric for investors, as foreign currency translation can have a material impact on revenue grow th trends. Constant currency revenue grow th highlights ongoing business performance excluding the impact of fluctuating foreign currencies, which is outside of management's control. There can be no assurances that MSA's definition of constant currency revenue grow th is consistent with that of other companies. As such, management believes that it is appropriate to consider revenue grow th determined on a GAAP basis in addition to this non-GAAP financial measure.



Segment Information (Unaudited)

	A			1.4				0	
(In thousands, except percentage amounts)	An	nericas	International		Corporate		Cons	olidated	
Three Months Ended September 30, 2023	•	044.070	•	400 455	Φ.		Φ.	440.700	
Net sales to external customers	\$	314,273	\$	132,455	\$	-	\$	446,728	
Operating income								94,123	
Operating margin %								21.1%	
Restructuring charges								3,285	
Currency exchange losses, net								1,496	
Amortization of acquisition-related intangible assets								2,315	
Transaction costs (a)								78	
Adjusted operating income (loss)		93,918		22,577		(15,198)		101,297	
Adjusted operating margin %		29.9%		17.0%				22.7%	
Depreciation and amortization								13,189	
Adjusted EBITDA		103,157		26,289		(14,960)		114,486	
Adjusted EBITDA margin %		32.8%		19.8%				25.6%	
Three Months Ended September 30, 2022									
Net sales to external customers	\$	276,082	\$	105,612	\$	-	\$	381,694	
Operating income								64,313	
Operating margin %								16.8%	
Restructuring charges								899	
Currency exchange losses, net								2,979	
Product liability expense								4,035	
Amortization of acquisition-related intangible assets								2,279	
Transaction costs (a)								620	
Adjusted operating income (loss)		75,088		8,448		(8,411)		75,125	
Adjusted operating margin %		27.2%		8.0%				19.7%	
Depreciation and amortization								11,518	
Adjusted EBITDA		83,945		10,980		(8,282)		86,643	
Adjusted EBITDA margin %		30.4%		10.4%		,		22.7%	

⁽a) Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

The Americas segment is comprised of our operations in Northern North American and Latin American geographies. The International segment is comprised of our operations in all geographies outside of the Americas. Certain global expenses are allocated to each segment in a manner consistent with where the benefits from the expenses are derived.



Segment Information (Unaudited)

(In thousands, except percentage amounts)	An	nericas	Inte	rnational	Coi	porate	Consolidated	
Nine Months Ended September 30, 2023								
Net sales to external customers	\$	902,918	\$	389,372	\$	-	\$	1,292,290
Operating income								129,070
Operating margin %								10.0%
Restructuring charges								8,382
Currency exchange losses, net								8,781
Loss on divestiture of MSA LLC								129,211
Product liability expense								3
Amortization of acquisition-related intangible assets								6,936
Transaction costs (a)								78
Adjusted operating income (loss)		260,428		60,099		(38,066)		282,461
Adjusted operating margin %		28.8%		15.4%				21.9%
Depreciation and amortization								38,029
Adjusted EBITDA		287,628		70,296		(37,434)		320,490
Adjusted EBITDA margin %		31.9%		18.1%				24.8%
Nine Months Ended September 30, 2022								
Net sales to external customers	\$	754,116	\$	330,583	\$	-	\$	1,084,699
Operating income								168,517
Operating margin %								15.5%
Restructuring charges								3,146
Currency exchange losses, net								4,788
Product liability expense								9,733
Amortization of acquisition-related intangible assets								6,922
Transaction costs (a)								1,476
Adjusted operating income (loss)		184,664		34,674		(24,756)		194,582
Adjusted operating margin %		24.5%		10.5%				17.9%
Depreciation and amortization								34,961
Adjusted EBITDA		210,201		43,708		(24,366)		229,543
Adjusted EBITDA margin %		27.9%		13.2%				21.2%

⁽a) Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

The Americas segment is comprised of our operations in Northern North American and Latin American geographies. The International segment is comprised of our operations in all geographies outside of the Americas. Certain global expenses are allocated to each segment in a manner consistent with where the benefits from the expenses are derived.



Adjusted Earnings and Adjusted Earnings per Diluted Share (Unaudited)

(In thousands, except per share amounts)	Three Months Ended September 30,				Nine Months Ended September 30,					
		2023		2022	% Change	2023 2022			2022	% Change
Net income (loss)	\$	65,256	\$	44,906	45%	\$	(17,827)	\$	128,141	(114%)
Loss on divestiture of MSA LLC		_		_			129,211		_	
Deferred tax asset write-off related to divestiture of MSA LLC		_		_			70,366		_	
Product liability expense		_		4,035			3		9,733	
Amortization of acquisition-related intangible assets		2,315		2,279			6,936		6,922	
Transaction costs (a)		78		620			78		1,476	
Restructuring charges		3,285		899			8,382		3,146	
Asset related losses and other		42		4,652			(671)		4,776	
Currency exchange losses (gains), net		1,496		2,979			8,781		4,788	
Income tax expense on adjustments		(2,327)		(3,331)			(9,248)		(7,400)	
Adjusted earnings	\$	70,145	\$	57,039	23%	\$	196,011	\$	151,582	29%
Adjusted earnings per diluted share	\$	1.78	\$	1.45	23%	\$	4.97	\$	3.85	29%

⁽a) Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

Management believes that adjusted earnings and adjusted earnings per diluted share are useful measures for investors, as management uses these measures to internally assess the company's performance and ongoing operating trends. There can be no assurances that additional special items will not occur in future periods, nor that MSA's definition of adjusted earnings is consistent with that of other companies. As such, management believes that it is appropriate to consider both net (loss) income determined on a GAAP basis as well as adjusted earnings.



Free Cash Flow (Unaudited)

(In the up and a givent percentage amounts)		Three Mon			Nine Months Ended September 30,				
(In thousands, except percentage amounts)		2023	2022		2023		2022		
Cash flow from (used in) operating activities Contribution for divestiture of MSA LLC	\$	124,784 -	\$	63,927 -	\$	(66,057) 341,186	\$	103,903	
Product liability payments (receivable collections), net, related to MSA LLC		-		(179)		5,250		(435)	
Adjusted cash flow from operating activities		124,784		63,748		280,379		103,468	
Capital expenditures		(12,657)		(8,948)		(30,979)		(28,753)	
Adjusted Free cash flow	\$	112,127	\$	54,800	\$	249,400	\$	74,715	
Adjusted earnings		70,145		57,039		196,011		151,582	
Adjusted Free cash flow conversion		160%		96%		127%		49%	

Management believes that free cash flow is a meaningful measure for investors. Management reviews cash from operations after deducting capital expenditures because these expenditures are necessary to promote grow the of MSA's business and are likely to produce cash from operations in future periods. It is important to note that free cash flow does not reflect the residual cash balance of the company for discretionary spending since other items, including debt and dividend payments, are deducted from free cash flow before arriving at the company's ending cash balance.

Management defines free cash flow conversion as free cash flow divided by adjusted earnings. There can be no assurances that MSA's definition of free cash flow is consistent with that of other companies. As such, management believes that it is appropriate to consider cash from operating activities determined on a GAAP basis as well as free cash flow.



Debt to Adjusted EBITDA and Net Debt to Adjusted EBITDA (Unaudited)

(In thousands)	Twelve Months Ended September 30,				
		2023			
Operating income	\$	199,690			
Loss on divestiture of MSA LLC		129,211			
Depreciation and amortization		50,178			
Product liability expense		10,860			
Restructuring charges		13,201			
Currency exchange losses, net		14,248			
Amortization of acquisition-related intangible assets		9,221			
Transaction costs (a)		1,835			
Adjusted EBITDA	\$	428,444			
Total end-of-period debt		742,012			
Debt to adjusted EBITDA		1.7			
Total end-of-period debt	\$	742,012			
Total end-of-period cash and cash equivalents		164,499			
Net debt	\$	577,513			
Net debt to adjusted EBITDA		1.3			

⁽a) Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

Management believes that Debt to Adjusted EBITDA and Net Debt to Adjusted EBITDA are useful measures for investors, as management uses these measures to internally assess the Company's liquidity and balance sheet strength. There can be no assurances that that MSA's definition of Debt to Adjusted EBITDA and Net Debt to Adjusted EBITDA is consistent with that of other companies.



R&D Investment (Unaudited)

(In thousands)		line Months Ende	ed Sept	tember 30,	g Twelve Months d September 30,	Twelve Months Ended December 31,		
		2023		2022	2023		2022	
Research and development expense	\$	48,906	\$	43,017	\$ 62,901	\$	57,012	
Capitalized software development costs		9,402		6,541	 11,519		8,713	
Total R&D investment		58,308		49,558	 74,420		65,725	
Net sales	\$	1,292,290	\$	1,084,699	\$ 1,735,544	\$	1,527,953	
R&D investment (% net sales)		4.5%		4.6%	4.3%		4.3%	

Management believes that total R&D investment is a meaningful measure for investors. Management includes capitalized softw are development costs when evaluating total research and development expenditures as it believes it better represents its overall spend. Management defines R&D investment as research and development expense plus capitalized software development cost. As such, management believes that it is appropriate to consider research and development expense determined on a GAAP basis as well as total R&D investment.